



# FACSIMILE

DATE: May 24, 2004  
**OFFICIAL PAPER**

**PHILADELPHIA**  
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Fax: 215-568-3439  
**SEATTLE**  
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Seattle, WA 98104  
206-332-1380  
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JOB CODE: 35109

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Examiner: **Ulrike Winkler**  
U.S.P.T.O. Group Art Unit: **1648**  
Telecopier No.: **703-872-9306**  
U.S. Serial No.: **09/640,787**  
Client/Matter No.: **TIBO-0008 (TIP0017USA)**  
Sender's Name: **Andrew T. Serafini**  
Pages to Follow: **52**

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Attached hereto is/are the following documents:

- 1) Supplemental Reply Transmittal (4 pages)
- 2) Supplemental Reply (13 pages)
- 3) Declaration of Paula Mc Kenna (5 pages)
- 4) Exhibits A (17 pages), B (6 pages), and C (7 pages)

THIS MESSAGE IS INTENDED ONLY FOR THE USE OF THE INDIVIDUAL OR ENTITY TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERY OF THE MESSAGE TO THE INTENDED RECIPIENT, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY US IMMEDIATELY BY TELEPHONE AND RETURN THE ORIGINAL TO US AT THE ABOVE ADDRESS VIA THE U.S. POSTAL SERVICE. THANK YOU

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DOCKET NO.: TIBO-0008 (TIP0017USA)

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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MAY 24 2004

In Re Application of:

Brendan Larder, Sharon Kemp, Stuart  
Bloor, and Ann Brophy

Confirmation No.: 7344

Application No.: 09/640,787

Group Art Unit: 1648

Filing Date: August 18, 2000

Examiner: Ulrike Winkler

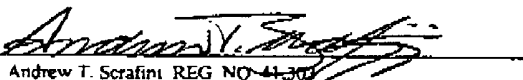
For: Method For Mutation Detection In HIV-1 Using POL Sequencing

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CERTIFICATE OF FACSIMILE TRANSMISSION

DATE: May 24, 2004

I HEREBY CERTIFY THAT THIS PAPER IS BEING  
FACSIMILE TRANSMITTED TO THE PATENT AND  
TRADEMARK OFFICE TO FACSIMILE NUMBER 703-  
872-9306 ON THE DATE LISTED ABOVE.

  
Andrew T. Scrafini REG NO. 4130

☒ MS Amendment ☐ MS AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

SUPPLEMENTAL REPLY TRANSMITTAL LETTER

- ☐ A Preliminary Amendment.
- ☐ A Reply Responsive to the Office Action Dated .
- ☒ A Reply Supplemental to the Paper filed March 22, 2004.
- ☐ A Substitute Specification (pages 1 - ) in clean form.
- ☐ A substitute specification (pages 1 - ) with markings.
- ☐ An Abstract is enclosed.
- ☐ replacement sheets of drawings are enclosed comprising figures .
- ☐ Request is hereby made to accept black and white photograph(s) in this case, as they are the only practicable medium for illustrating the claimed invention. One (1) set of black and white photographs comprising figure(s) is submitted herewith.

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Application No.: 09/640,787

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In re Application of:

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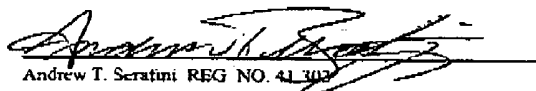
Examiner: Ulrike Winkler

For: **Method for Mutation Detection in HIV-1 Using POL Sequencing**

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872-9386 ON THE DATE LISTED ABOVE

  
Andrew T. Scatini REG NO. 41,303

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

SUPPLEMENTAL REPLY

Supplemental to the Request for Continuing Examination pursuant to 37 CFR § 1.114  
filed on March 22, 2004, reconsideration is respectfully requested in view of the remarks as  
indicated below.

- ☐ Amendments to the Specification begin on page      of this paper.
- ☒ Amendments to the Claims are reflected in the listing of the claims which  
begins on page 2 of this paper.
- ☐ Amendments to the Drawings begin on page      of this paper and include  
an attached replacement sheet.
- ☒ Remarks/Arguments begin on page 6 of this paper.

Page 1 of 13



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In Re Application of:

**Brendan Larder, Sharon Kemp, Stuart  
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Confirmation No.: 7344

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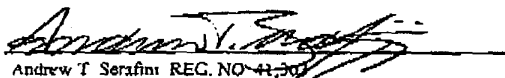
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Andrew T. Serafini REG. NO. 44,300

☒ MS Amendment ☐ MS AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

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- ☐ An Abstract is enclosed.
- ☐ replacement sheets of drawings are enclosed comprising figures
- ☐ Request is hereby made to accept black and white photograph(s) in this case, as they are the only practicable medium for illustrating the claimed invention. One (1) set of black and white photographs comprising figure(s) is submitted herewith.

DOCKET NO.: TIBO-0008 (TIP0017USA)

PATENT

- ☐ Petition is hereby made to accept drawing(s)/photograph(s) in this case.
  - ☐ Three (3) sets of color drawing(s)/photograph(s) and black and white photocopy that accurately depicts to the extent possible, the subject matter shown in the color drawing(s)/photograph(s), are enclosed, comprising figures
  - ☐ An amendment to the first paragraph in that portion of the Brief Description of the Drawings is also enclosed herewith advising that the patent contains at least one drawing/photograph in color.
- ☐ A Certified Copy of each of the following applications: is enclosed.
- ☐ An Associate Power of Attorney is enclosed.
- ☐ Information Disclosure Statement.
  - ☐ Attached Form 1449.
  - ☐ A copy of each reference as listed on the attached Form PTO-1449 is enclosed herewith.
- ☐ A Terminal Disclaimer is attached.
- ☐ Appendices as follows:
  - ☒ Other: Declaration of Paula Mc Kenna; Exhibits A, B, and C.
  - ☒ No Additional Fee is Due.
- ☐ Applicant(s) has previously claimed small entity status under 37 CFR § 1.27.
- ☐ Applicant(s) by its/their undersigned attorney, claims small entity status under 37 CFR § 1.27 as
- ☐ This application is no longer entitled to small entity status. It is requested that this be noted in the files of the U.S. Patent and Trademark Office.

DOCKET NO.: TIBO-0008 (TIP0017USA)

PATENT

				SMALL ENTITY		NOT SMALL ENTITY	
	REMAINING AFTER AMENDMENT	HIGHEST PAID FOR	EXTRA	RATE	FEE	RATE	FEE
TOTAL CLAIMS	34	34	0	\$9 EACH	\$	\$18 EACH	\$
INDEP. CLAIMS	5	5	0	\$43 EACH	\$	\$86 EACH	\$
FIRST PRESENTATION OF MULTIPLE DEPENDENT				\$145	\$	\$290	\$
<input type="checkbox"/> ONE MONTH EXTENSION OF TIME				\$55	\$	\$110	\$
<input type="checkbox"/> TWO MONTH EXTENSION OF TIME				\$210	\$	\$420	\$
<input type="checkbox"/> THREE MONTH EXTENSION OF TIME				\$475	\$	\$950	\$
<input type="checkbox"/> FOUR MONTH EXTENSION OF TIME				\$740	\$	\$1480	\$
<input type="checkbox"/> FIVE MONTH EXTENSION OF TIME				\$1005	\$	\$2010	\$
<input type="checkbox"/> LESS ANY EXTENSION FEE ALREADY PAID				minus	(\$ )	minus	(\$ )
<input type="checkbox"/> TERMINAL DISCLAIMER				\$55	\$	\$110	\$
<input type="checkbox"/> OTHER FEE OR SURCHARGE AS FOLLOWS:							
TOTAL FEE DUE					\$		\$0

- ☐ A check in the amount of \$     .00     is attached. Please charge any deficiency or credit any overpayment to Deposit Account 23-3050.
- ☐ Please charge Deposit Account No. 23-3050 in the amount of     .00    . This sheet is attached in duplicate.
- ☐ Petition is hereby made under 37 CFR § 1.136(a) (fees: 37 CFR § 1.17(a)(1)-(4)) to extend the time for response to the Office Action of      to and through comprising an extension of the shortened statutory period of      month(s).

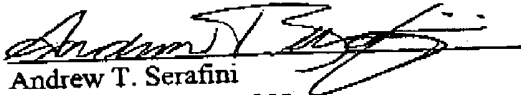


**DOCKET NO.: TIBO-0008 (TIP0017USA)**

**PATENT**

- ☒ The Commissioner is hereby requested to grant an extension of time for the appropriate length of time, should one be necessary, in connection with this filing or any future filing submitted to the U.S. Patent and Trademark Office in the above-identified application during the pendency of this application. The Commissioner is further authorized to charge any fees related to any such extension of time to Deposit Account 23-3050. This sheet is provided in duplicate.

Date: May 24, 2004

  
Andrew T. Serafini  
Registration No. 41,303

Woodcock Washburn LLP  
One Liberty Place - 46th Floor  
Philadelphia PA 19103  
Telephone: (215) 568-3100  
Facsimile: (215) 568-3439

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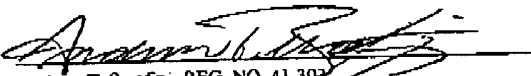
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